

Efficient Uranium Capture by Polysulfide/Layered Dou

Journal of the American Chemical Society

137, 3670-3677

DOI: [10.1021/jacs.5b00762](https://doi.org/10.1021/jacs.5b00762)

Citation Report

#	ARTICLE	IF	CITATIONS
6	In Vivo Nanodetoxication for Acute Uranium Exposure. <i>Molecules</i> , 2015, 20, 11017-11033.	1.7	3
7	Ultrafast high-performance extraction of uranium from seawater without pretreatment using an acylamide- and carboxyl-functionalized metal-organic framework. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13724-13730.	5.2	161
8	Delaminated layered rare-earth hydroxide composites with ortho-coumaric acid: color-tunable luminescence and blue emission due to energy transfer. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7143-7152.	2.7	22
9	Effect of MacroRAFT Copolymer Adsorption on the Colloidal Stability of Layered Double Hydroxide Nanoparticles. <i>Langmuir</i> , 2015, 31, 12609-12617.	1.6	35
10	Bifunctional polymeric microspheres for efficient uranium sorption from aqueous solution: synergistic interaction of positive charge and amidoxime group. <i>RSC Advances</i> , 2015, 5, 64286-64292.	1.7	38
11	An adaptive supramolecular organic framework for highly efficient separation of uranium via an in situ induced fit mechanism. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23788-23798.	5.2	70
12	Double-shelled Nanocages with Cobalt Hydroxide Inner Shell and Layered Double Hydroxides Outer Shell as High-efficiency Polysulfide Mediator for Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3982-3986.	7.2	505
13	Intercalation of Varied Sulfonates into a Layered MOC: Confinement-caused Tunable Luminescence and Novel Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 5327-5334.	1.7	18
14	Multifunctional flexible free-standing titanate nanobelt membranes as efficient sorbents for the removal of radioactive $^{90}\text{Sr}^{2+}$ and $^{137}\text{Cs}^{+}$ ions and oils. <i>Scientific Reports</i> , 2016, 6, 20920.	1.6	52
15	Solvothermal synthesis, structure and physical properties of $\text{Cs}[\text{Cr}(\text{en})_2\text{MSe}_4]$ ($\text{M} = \text{Ge}, \text{Sn}$) with $[\text{MSe}_4]^{4-}$ tetrahedra as chelating ligand. <i>Dalton Transactions</i> , 2016, 45, 9097-9102.	1.6	6
16	A New Approach for Removing Anionic Organic Dyes from Wastewater Based on Electrostatically Driven Assembly. <i>Environmental Science & Technology</i> , 2016, 50, 6477-6484.	4.6	95
17	Stereoscopic 2D super-microporous phosphazene-based covalent organic framework: Design, synthesis and selective sorption towards uranium at high acidic condition. <i>Journal of Hazardous Materials</i> , 2016, 314, 95-104.	6.5	147
18	Zeta potential-assisted sorption of uranyl tricarbonate complex from aqueous solution by polyamidoxime-functionalized colloidal particles. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13026-13032.	1.3	9
19	Metal sulfide ion exchangers: superior sorbents for the capture of toxic and nuclear waste-related metal ions. <i>Chemical Science</i> , 2016, 7, 4804-4824.	3.7	246
20	Selective recognition of uranyl ions from bulk of thorium(IV) and lanthanide(III) ions by tetraalkyl urea: a combined experimental and quantum chemical study. <i>Dalton Transactions</i> , 2016, 45, 10319-10325.	1.6	19
21	Intercalation of thiacalix[4]arene anion via calcined/restored reaction into LDH and efficient heavy metal capture. <i>Journal of Molecular Liquids</i> , 2016, 220, 346-353.	2.3	33
22	Synergistic nanofibrous adsorbent for uranium extraction from seawater. <i>RSC Advances</i> , 2016, 6, 81995-82005.	1.7	21
23	Poly(styrenesulfonate)-Modified Ni-Ti Layered Double Hydroxide Film: A Smart Drug-Eluting Platform. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 24491-24501.	4.0	22

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24	Pore-Free Matrix with Cooperative Chelating of Hyperbranched Ligands for High-Performance Separation of Uranium. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28853-28861.	4.0	69
25	Facile preparation of NiCo ₂ O ₄ @rGO composites for the removal of uranium ions from aqueous solutions. <i>Dalton Transactions</i> , 2016, 45, 16931-16937.	1.6	17
26	Preparation of amidoximated coaxial electrospun nanofibers for uranyl uptake and their electrochemical properties. <i>Separation and Purification Technology</i> , 2016, 171, 44-51.	3.9	23
27	Efficient Removal and Recovery of Uranium by a Layered Organic-Inorganic Hybrid Thiostannate. <i>Journal of the American Chemical Society</i> , 2016, 138, 12578-12585.	6.6	307
28	A strategically designed porous magnetic N-doped Fe/Fe ₃ C@C matrix and its highly efficient uranium(VI) remediation. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1227-1235.	3.0	63
29	Mechanism of adsorption affinity and capacity of Mg(OH) ₂ to uranyl revealed by molecular dynamics simulation. <i>RSC Advances</i> , 2016, 6, 31507-31513.	1.7	10
30	Highly Selective and Rapid Uptake of Radionuclide Cesium Based on Robust Zeolitic Chalcogenide via Stepwise Ion-Exchange Strategy. <i>Chemistry of Materials</i> , 2016, 28, 8774-8780.	3.2	126
31	Synthesis and characterization of amidoxime modified calix[8]arene for adsorption of U(VI) in low concentration uranium solutions. <i>RSC Advances</i> , 2016, 6, 101087-101097.	1.7	31
32	Mn ₂ O ₃ hollow spheres synthesized based on an ion-exchange strategy from amorphous calcium carbonate for highly efficient trace-level uranyl extraction. <i>Environmental Science: Nano</i> , 2016, 3, 1254-1258.	2.2	32
33	Double-Shelled Nanocages with Cobalt Hydroxide Inner Shell and Layered Double Hydroxides Outer Shell as High-Efficiency Polysulfide Mediator for Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2016, 128, 4050-4054.	1.6	62
34	Guest, Light and Thermally Modulated Spin Crossover in [Fe ^{II}] ₂ Supramolecular Helicates. <i>Chemistry - A European Journal</i> , 2016, 22, 8635-8645.	1.7	46
35	Loading Actinides in Multilayered Structures for Nuclear Waste Treatment: The First Case Study of Uranium Capture with Vanadium Carbide MXene. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16396-16403.	4.0	214
36	MOF catalysis of Fe ^{II} -to-Fe ^{III} reaction for an ultrafast and one-step generation of the Fe ₂ O ₃ @MOF composite and uranium(VI) reduction by iron(II) under ambient conditions. <i>Chemical Communications</i> , 2016, 52, 9538-9541.	2.2	43
37	Ion specific effects on the stability of layered double hydroxide colloids. <i>Soft Matter</i> , 2016, 12, 4024-4033.	1.2	85
38	Layered double hydroxides: Efficient fillers for waterborne nanocomposite films. <i>Applied Clay Science</i> , 2016, 130, 55-61.	2.6	21
39	K ₂ XSn ₄ S ₈ (x = 0.65±1): a new metal sulfide for rapid and selective removal of Cs ⁺ , Sr ²⁺ and UO ₂ ²⁺ ions. <i>Chemical Science</i> , 2016, 7, 1121-1132.	3.7	188
40	One-step fabrication of amino functionalized magnetic graphene oxide composite for uranium(VI) removal. <i>Journal of Colloid and Interface Science</i> , 2016, 472, 99-107.	5.0	159
41	Coumarin-modified microporous-mesoporous Zn-MOF-74 showing ultra-high uptake capacity and photo-switched storage/release of UVI ions. <i>Journal of Hazardous Materials</i> , 2016, 311, 30-36.	6.5	126

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42	Nano-diamond particles functionalized with single/double-arm amide/thiourea ligands for adsorption of metal ions. <i>Journal of Colloid and Interface Science</i> , 2016, 469, 109-119.	5.0	41
43	Highly Selective and Efficient Removal of Heavy Metals by Layered Double Hydroxide Intercalated with the MoS ₄ ²⁻ Ion. <i>Journal of the American Chemical Society</i> , 2016, 138, 2858-2866.	6.6	563
44	Facile fabrication of magnetic cucurbit[6]uril/graphene oxide composite and application for uranium removal. <i>Chemical Engineering Journal</i> , 2016, 286, 311-319.	6.6	101
45	Positively charged phosphonate-functionalized mesoporous silica for efficient uranium sorption from aqueous solution. <i>Journal of Molecular Liquids</i> , 2016, 221, 1231-1236.	2.3	50
46	Fate of Adsorbed U(VI) during Sulfidization of Lepidocrocite and Hematite. <i>Environmental Science & Technology</i> , 2017, 51, 2140-2150.	4.6	25
47	Surface Ion-Imprinted Polypropylene Nonwoven Fabric for Potential Uranium Seawater Extraction with High Selectivity over Vanadium. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 1860-1867.	1.8	31
48	Water/n-BuOH solvothermal synthesis of ZnAl-LDHs with different morphologies and its calcined product in efficient dyes removal. <i>Journal of Colloid and Interface Science</i> , 2017, 494, 215-222.	5.0	50
49	One-pot synthesis of graphene oxide and Ni-Al layered double hydroxides nanocomposites for the efficient removal of U(VI) from wastewater. <i>Science China Chemistry</i> , 2017, 60, 415-422.	4.2	105
50	Conversion of supramolecular organic framework to uranyl-organic coordination complex: a new matrix-free strategy for highly efficient capture of uranium. <i>RSC Advances</i> , 2017, 7, 8985-8993.	1.7	15
51	Facile preparation of S-doped magnetite hollow spheres for highly efficient sorption of uranium(^{VI}). <i>Dalton Transactions</i> , 2017, 46, 3347-3352.	1.6	10
52	A half-wave rectified alternating current electrochemical method for uranium extraction from seawater. <i>Nature Energy</i> , 2017, 2, .	19.8	388
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54	Tunable and purified luminescence via energy transfer and delamination of LRH (R = Tb, Y) composites with 8-hydroxypyrene-1,3,6-trisulphonate. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 353-363.	5.0	10
55	Visualization of Adsorption: Luminescent Mesoporous Silica-Carbon Dots Composite for Rapid and Selective Removal of U(VI) and in Situ Monitoring the Adsorption Behavior. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7392-7398.	4.0	96
56	Enhanced Tb ³⁺ luminescence in layered terbium hydroxide by intercalation of benzenepolycarboxylic species. <i>Materials Research Bulletin</i> , 2017, 88, 301-307.	2.7	20
57	Preparation of a polymer monolith modified with delaminated layered double hydroxides for the microextraction of β^2 -agonists. <i>Journal of Separation Science</i> , 2017, 40, 1548-1555.	1.3	10
58	Amidoximated poly(vinyl imidazole)-functionalized molybdenum disulfide sheets for efficient sorption of a uranyl tricarbonate complex from aqueous solutions. <i>RSC Advances</i> , 2017, 7, 10791-10797.	1.7	18
59	Recent progress in layered double hydroxides (LDH)-containing hybrids as adsorbents for water remediation. <i>Applied Clay Science</i> , 2017, 143, 279-292.	2.6	389

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60	Formation of Zirconium Hydrophosphate Nanoparticles and Their Effect on Sorption of Uranyl Cations. <i>Nanoscale Research Letters</i> , 2017, 12, 209.	3.1	25
61	Hierarchically structured layered-double-hydroxides derived by ZIF-67 for uranium recovery from simulated seawater. <i>Journal of Hazardous Materials</i> , 2017, 338, 167-176.	6.5	125
62	Instant synthesis of bespoke nanoscopic photocatalysts with enhanced surface area and photocatalytic activity for wastewater treatment. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 344, 121-133.	2.0	27
63	Polyoxime-functionalized magnetic nanoparticles for uranium adsorption with high selectivity over vanadium. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12278-12284.	5.2	86
64	Cationic two-dimensional sheets for an ultralight electrostatic polysulfide trap toward high-performance lithium-sulfur batteries. <i>Energy Storage Materials</i> , 2017, 9, 39-46.	9.5	37
65	Efficient Removal of Anionic Radioactive Pollutant from Water Using Ordered Urea-Functionalized Mesoporous Polymeric Nanoparticle. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22440-22448.	4.0	34
66	Complexation of Manganese with Glutarimidedioxime: Implication for Extraction Uranium from Seawater. <i>Scientific Reports</i> , 2017, 7, 43503.	1.6	13
67	Engineering Nanoscale Iron Oxides for Uranyl Sorption and Separation: Optimization of Particle Core Size and Bilayer Surface Coatings. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13163-13172.	4.0	44
68	Selective and Efficient Removal of Toxic Oxoanions of As(III), As(V), and Cr(VI) by Layered Double Hydroxide Intercalated with MoS ₄ ²⁻ . <i>Chemistry of Materials</i> , 2017, 29, 3274-3284.	3.2	137
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70	Enhancing adsorption of U(VI) onto EDTA modified <i>L. cylindrica</i> using epichlorohydrin and ethylenediamine as a bridge. <i>Scientific Reports</i> , 2017, 7, 44156.	1.6	12
71	Glycerol-Modified Binary Layered Double Hydroxide Nanocomposites for Uranium Immobilization via Extended X-ray Absorption Fine Structure Technique and Density Functional Theory Calculation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3583-3595.	3.2	122
72	Synthesis of Amidoxime-Grafted Activated Carbon Fibers for Efficient Recovery of Uranium(VI) from Aqueous Solution. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 11936-11947.	1.8	77
73	Inorganic layered ion-exchangers for decontamination of toxic metal ions in aquatic systems. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19593-19606.	5.2	68
74	Smart Photonic Crystal Hydrogel Material for Uranyl Ion Monitoring and Removal in Water. <i>Advanced Functional Materials</i> , 2017, 27, 1702147.	7.8	92
75	Ultrafast and Efficient Extraction of Uranium from Seawater Using an Amidoxime Appended Metal-Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32446-32451.	4.0	260
77	Structures and photoluminescence properties of organic-inorganic hybrid materials based on layered rare-earth hydroxides. <i>Journal of Luminescence</i> , 2017, 192, 1211-1219.	1.5	14
78	3D self-assembly polyethyleneimine modified graphene oxide hydrogel for the extraction of uranium from aqueous solution. <i>Applied Surface Science</i> , 2017, 426, 1063-1074.	3.1	69

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79	[MoS ₄] ²⁻ Cluster Bridges in Co-Fe Layered Double Hydroxides for Mercury Uptake from Hg Mixed Flue Gas. <i>Environmental Science & Technology</i> , 2017, 51, 10109-10116.	4.6	104
80	Synergistic immobilization of UO ₂ ²⁺ by novel graphitic carbon nitride @ layered double hydroxide nanocomposites from wastewater. <i>Chemical Engineering Journal</i> , 2017, 330, 573-584.	6.6	129
81	Rapid Simultaneous Removal of Toxic Anions [HSeO ₃] ⁻ , [SeO ₃] ²⁻ , and [SeO ₄] ²⁻ , and Metals Hg ²⁺ , Cu ²⁺ , and Cd ²⁺ by MoS ₄ ²⁻ Intercalated Layered Double Hydroxide. <i>Journal of the American Chemical Society</i> , 2017, 139, 12745-12757.	6.6	164
82	Melamine modified graphene hydrogels for the removal of uranium(VI) from aqueous solution. <i>New Journal of Chemistry</i> , 2017, 41, 10899-10907.	1.4	36
83	Superparamagnetic Adsorbent Based on Phosphonate Grafted Mesoporous Carbon for Uranium Removal. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 9821-9830.	1.8	45
84	A general strategy for the synthesis of layered double hydroxide nanoscrolls on arbitrary substrates: its formation and multifunction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19079-19090.	5.2	23
85	Materials for the Recovery of Uranium from Seawater. <i>Chemical Reviews</i> , 2017, 117, 13935-14013.	23.0	639
86	Highly Efficient Separation of Trivalent Minor Actinides by a Layered Metal Sulfide (KInSn ₂ S ₆) from Acidic Radioactive Waste. <i>Journal of the American Chemical Society</i> , 2017, 139, 16494-16497.	6.6	81
87	Adsorbents based on crown ether functionalized composite mesoporous silica for selective extraction of trace silver. <i>Chemical Engineering Journal</i> , 2017, 313, 1278-1287.	6.6	31
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91	Bioassembly of fungal hypha/graphene oxide aerogel as high performance adsorbents for U(VI) removal. <i>Chemical Engineering Journal</i> , 2018, 347, 407-414.	6.6	92
92	Fabrication of Magnetic Fe/Zn Layered Double Oxide@Carbon Nanotube Composites and Their Application for U(VI) and ²⁴¹ Am(III) Removal. <i>ACS Applied Nano Materials</i> , 2018, 1, 2386-2396.	2.4	30
93	Remarkable Acid Stability of Polypyrrole-MoS ₄ : A Highly Selective and Efficient Scavenger of Heavy Metals Over a Wide pH Range. <i>Advanced Functional Materials</i> , 2018, 28, 1800502.	7.8	88
94	Kinetic and equilibrium of U(VI) adsorption onto magnetic amidoxime-functionalized chitosan beads. <i>Journal of Cleaner Production</i> , 2018, 188, 655-661.	4.6	170
95	L-cysteine intercalated layered double hydroxide for highly efficient capture of U(VI) from aqueous solutions. <i>Journal of Environmental Management</i> , 2018, 217, 468-477.	3.8	40
96	Effect of Fe ₃ O ₄ @PDA morphology on the U(VI) entrapment from aqueous solution. <i>Applied Surface Science</i> , 2018, 448, 297-308.	3.1	44

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97	Orthogonal synthesis of a novel hybrid layered material containing three different zincous components and its photocatalytic property investigation. <i>Journal of Hazardous Materials</i> , 2018, 350, 144-153.	6.5	29
98	Hydrothermal carbon superstructures enriched with carboxyl groups for highly efficient uranium removal. <i>Chemical Engineering Journal</i> , 2018, 338, 734-744.	6.6	115
99	Guanidine and Amidoxime Cofunctionalized Polypropylene Nonwoven Fabric for Potential Uranium Seawater Extraction with Antifouling Property. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 1662-1670.	1.8	62
100	High Efficiency and Fast Removal of Trace Pb(II) from Aqueous Solution by Carbomethoxy-Functionalized Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2018, 18, 1474-1482.	1.4	50
101	Enhanced adsorption of U(VI) and ²⁴¹ Am(III) from wastewater using Ca/Al layered double hydroxide@carbon nanotube composites. <i>Journal of Hazardous Materials</i> , 2018, 347, 67-77.	6.5	180
102	Graphene oxide@Mg ₃ Si ₄ O ₉ (OH) ₁₀ : A hierarchical layered silicate nanocomposite with superior adsorption capacity for enriching Eu(III). <i>Chemical Engineering Journal</i> , 2018, 338, 628-635.	6.6	20
103	Interaction of U(VI) with ternary layered double hydroxides by combined batch experiments and spectroscopy study. <i>Chemical Engineering Journal</i> , 2018, 338, 579-590.	6.6	62
104	Highly efficient capture and recovery of uranium by reusable layered double hydroxide intercalated with 2-mercaptoethanesulfonate. <i>Chemical Engineering Journal</i> , 2018, 337, 609-615.	6.6	51
105	Optimization of Formulations Consisting of Layered Double Hydroxide Nanoparticles and Small Interfering RNA for Efficient Knockdown of the Target Gene. <i>ACS Omega</i> , 2018, 3, 4871-4877.	1.6	17
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107	Highly uranium elimination by crab shells-derived porous graphitic carbon nitride: Batch, EXAFS and theoretical calculations. <i>Chemical Engineering Journal</i> , 2018, 346, 406-415.	6.6	64
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111	The study of C P determination of hydrotalcite intercalated with heavy metal ions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 521-527.	2.0	5
112	Integration of adsorption and reduction for uranium uptake based on SrTiO ₃ /TiO ₂ electrospun nanofibers. <i>Applied Surface Science</i> , 2018, 428, 819-824.	3.1	48
113	Immobilization of uranium into magnetite from aqueous solution by electrodepositing approach. <i>Journal of Hazardous Materials</i> , 2018, 343, 255-265.	6.5	59
114	Designing a High-Performance Lithium-Sulfur Batteries Based on Layered Double Hydroxides@Carbon Nanotubes Composite Cathode and a Dual-Functional Graphene@Polypropylene@Al ₂ O ₃ Separator. <i>Advanced Functional Materials</i> , 2018, 28, 1704294.	7.8	135

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116	Highly enhanced adsorption performance of U(VI) by non-thermal plasma modified magnetic Fe ₃ O ₄ nanoparticles. Journal of Colloid and Interface Science, 2018, 513, 92-103.	5.0	128
117	Comparative Investigation of Fe ₂ O ₃ and Fe _{1-x} S Nanostructures for Uranium Decontamination. ACS Applied Nano Materials, 2018, 1, 5543-5552.	2.4	15
118	In Situ Anchoring of Pyrrhotite on Graphitic Carbon Nitride Nanosheet for Efficient Immobilization of Uranium. Chemistry - A European Journal, 2019, 25, 590-597.	1.7	11
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120	N, P, and S Codoped Graphene-Like Carbon Nanosheets for Ultrafast Uranium (VI) Capture with High Capacity. Advanced Science, 2018, 5, 1800235.	5.6	84
121	Functionalized layered double hydroxide with nitrogen and sulfur co-decorated carbon dots for highly selective and efficient removal of soft Hg ²⁺ and Ag ⁺ ions. Journal of Hazardous Materials, 2018, 357, 217-225.	6.5	65
122	Highly Efficient Recovery of Uranium from Seawater Using an Electrochemical Approach. Industrial & Engineering Chemistry Research, 2018, 57, 8078-8084.	1.8	53
123	Graphene Oxide-Based Fe-Mg (Hydr)oxide Nanocomposite as Heavy Metals Adsorbent. Journal of Chemical & Engineering Data, 2018, 63, 2097-2105.	1.0	30
124	Adsorption of U(VI) from aqueous solution by magnetic core-shell Fe ₃ O ₄ @PDA@TiO ₂ . Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 613-624.	0.7	31
125	Metal-organic framework containing both azo and amide groups for effective U(VI) removal. Journal of Solid State Chemistry, 2018, 265, 148-154.	1.4	28
126	Graphene-synergized 2D covalent organic framework for adsorption: A mutual promotion strategy to achieve stabilization and functionalization simultaneously. Journal of Hazardous Materials, 2018, 358, 273-285.	6.5	121
128	A new azo metal-organic framework showing polycatenated 3D array and ultrahigh U(VI) removal. Journal of Solid State Chemistry, 2018, 266, 244-249.	1.4	15
129	A novel U(VI)-imprinted graphitic carbon nitride composite for the selective and efficient removal of U(VI) from simulated seawater. Inorganic Chemistry Frontiers, 2018, 5, 2218-2226.	3.0	36
130	Recent advances in layered double hydroxide-based nanomaterials for the removal of radionuclides from aqueous solution. Environmental Pollution, 2018, 240, 493-505.	3.7	391
131	Rapid and selective uranium adsorption by glycine functionalized europium hydroxide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 556, 299-308.	2.3	24
132	Efficient U(VI) Reduction and Sequestration by Ti ₂ CT _x MXene. Environmental Science & Technology, 2018, 52, 10748-10756.	4.6	253
133	Efficient Removal of [UO ₂] ²⁺ , Cs ⁺ , and Sr ²⁺ Ions by Radiation-Resistant Gallium Thioantimonates. Journal of the American Chemical Society, 2018, 140, 11133-11140.	6.6	147

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134	Superhydrophilic phosphate and amide functionalized magnetic adsorbent: a new combination of anti-biofouling and uranium extraction from seawater. <i>Environmental Science: Nano</i> , 2018, 5, 2346-2356.	2.2	44
135	Bis(hydroxylamino)triazines: High Selectivity and Hydrolytic Stability of Hydroxylamine-Based Ligands for Uranyl Compared to Vanadium(V) and Iron(III). <i>Inorganic Chemistry</i> , 2018, 57, 7631-7643.	1.9	10
136	Fast and Selective Removal of Aqueous Uranium by a K ⁺ -Activated Robust Zeolitic Sulfide with Wide pH Resistance. <i>Inorganic Chemistry</i> , 2019, 58, 11622-11629.	1.9	24
137	Elastomer Reinforced with Innate Sulfur-Based Cross-Links as Ligands. <i>ACS Macro Letters</i> , 2019, 8, 1091-1095.	2.3	11
138	Design Strategies to Enhance Amidoxime Chelators for Uranium Recovery. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30919-30926.	4.0	91
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